### PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY To: PCT GEOFFREY L. MELNICK G.E. EHRLICH (1995) LTD. NOTIFICATION OF TRANSMITTAL OF 11 MENACHEM BEGIN STREET RAMAT-GAN, ISRAEL 5252 THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION 28 FEB 2007 (PCT Rule 44.1) FILE No. Date of mailing 5 FER 2007 (day month/year) Applicant's or agent's file reference 28991 FOR FURTHER ACTION See paragraphs 1 and 4 below International application No. International filing date PCT/IL05/00330 (day/month/year) 23 March 2005 (23.03.2005) Applicant DUNE MEDICAL DEVICES LTD. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70. For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. Reminders Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication. The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date. Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site. Name and mailing address of the ISA/ US Authorized officer Mail Stop PCT, Attn: ISA/US Commissioner for Patents Eleni Mantis Mercader / P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-3700

Facsimile No. (571) 273-3201 Form PCT/ISA/220 (January 2004)

(See notes on accompanying sheet)

## PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 28991		Form PCT/ISA/220
International application No. PCT/IL05/00330	International filing date (day/month/year)	re applicable, item 5 below.  (Earliest) Priority Date (day/month/year)
Applicant	23 March 2005 (23.03.2005)	23 March 2004 (23.03.2004)
DUNE MEDICAL DEVICES LTD.		
This international search report consists o		
	nternational search was carried out on the basis	s of:
•	pplication in the language in which it was filed	i.
of a translation fur	international application intonished for the purposes of international search	(Rules 12.3(a) and 23.1(b))
b. With regard to any nucleotide	e and/or amino acid sequence disclosed in the	international application, see Box No. I.
	nsearchable (See Box No. II)	
<ul><li>3. Unity of invention is lacking</li><li>4. With regard to the title,</li></ul>	(See Box No. III)	
the text is approved as submitt	ted by the applicant.	
the text has been established b	y this Authority to read as follows:	•
5. With regard to the abstract,		
the text is approved as submitte		
the text has been established, as may, within one month from the	ecording to Rule 38.2(b), by this Authority as it at a date of mailing of this international search re	t appears in Box No. IV. The applicant port, submit comments to this Authority.
With regard to the drawings,		
as suggested by the app	lished with the abstract is Figure No. 12b	
K 21	nority, because the applicant failed to suggest a	figure.
7 1	nority, because this figure better characterizes the	
b none of the figures is to be publi		
m PCT/ISA/210 (first sheet) (April 2005)		

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL05/00330

Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

### NEW ABSTRACT

An integrated tool is provided, having a tissue-type sensor, for determining the tissue type at a near zone volume of a tissue surface, and a distance-measuring sensor, for determining the distance to an interface with another tissue type, for (i) confirming an existence of a clean margin of heathy tissue around a mailignant tumor, which is being removed, and (ii) determining the depth of the clean margin. The integrated tool may further include a position tracking device and an incision instrument. The soft tissue may be held within a fixed frame, while the tumor is being removed.

Form PCT/ISA/210 (continuation of first sheet(3)) (April 2005)

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL05/00330

A. CLASSIFICATION OF SUBJECT MATTER		
IPC: A61B 5/00(2006.01)		
(2000)		
USPC: 600/407		
According to International Patent Classification (IPC) or to both	national classification and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (alacsification and C. II		
Minimum documentation searched (classification system follows U.S.: 600/407, 409, 410, 425, 437, 439, 473, 476	ed by classification symbols)	
1 10, 10, 110, 123, 437, 439, 473, 470		
Documentation searched other than minimum documentation to	the extent that such documents are included in	the fields seembed
	and the desirence are mended in	the neids searched
Electronic data base consulted during the international search (na EAST	me of data base and, where practicable, search	h terms used)
EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
, indication, which	appropriate, of the relevant passages	Relevant to claim No.
A US 5,558,092 A (UNGER et al) 24 September 199 text in specification.	6 (24.09.1996), see Figure 5 and respective	1-30
text in specification.		
	,	
	·	
Further documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents:	"I" later document published after the interna	1
'A" document defining the general state of the art which is not considered to be of	Gate and not in conflict with the amblication	m but cited to understand the
particular relevance	principle or theory underlying the invention	n
E" earlier application or natent published on ox after the international Elization	"X" document of particular relevance; the claim	ned invention cannot be
17 parameter on or affect the international ming date	considered novel or cannot be considered	to involve an inventive step
L" document which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone	1
establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the clair	ned invention cannot be
	considered to involve an inventive sten wh	en the document is combined
O" document referring to an oral disclosure, use, exhibition or other means	with one or more other such documents, su obvious to a person skilled in the art	ich combination being
P" document published prior to the international filing date but later than the		
priority date claimed	"&" document member of the same patent fami	ly
Date of the actual completion of the international search	Date of mailing of the international	
0 March 2006 (20.03.2006)	Date of mailing of the international search r	eport
ame and mailing address of the ISA/US	U 5 FEB 2007	
Mail Stop PCT, Attn: ISA/US	Authorized officer	0 1
Commissioner for Patents	Eleni Mantis Mercader 4, Hur	les L
P.O. Box 1450	7,7,000	1/19
Alexandria, Virginia 22313-1450	Telephone No. 571-272-3700	
acsimile No. (571) 273-3201		

Form PCT/ISA/210 (second sheet) (April 2005)

## PATENT COOPERATION TREATY

From the

Form PCT/ISA/237 (cover sheet) (April 2005)

To: GEOFFREY L. MELNICK G.E. EHRLICH (1995) LTD. II MENACHEM BEGIN STREE'T RAMAT-GAN, ISRAEL 52 521		PCT  WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY  (PCT Rule 43bis.1)		
		ate of mailing ay/month/year		
Applicant's or agent's file reference		OR FURTHE	R ACTION	
28991			See paragraph 2 below	
i	ernational filing date (day)	month/year)	Priority date (day/month/year)	
PCT/IL05/00330 23 International Patent Classification (IPC) or both	March 2005 (23.03.2005)		23 March 2004 (23.03.2004)	
IPC: A61B 5/00( 2006.01) USPC: 600/407 Applicant	in national classification a	IRI IPC		
DUNE MEDICAL DEVICES LTD.				
1. This opinion contains indications relating	to the following items:			
Box No. IV Lack of unity of in  Box No. V Reasoned stateme	nt of opinion with regard to nvention nt under Rule 43 <i>bis</i> .1(2)(j	) with regard t	entive step and industrial applicability to novelty, inventive step or industrial	
Box No. VI Certain documents	ions and explanations sup s cited	porting such s	tatement	
Box No. VII Certain defects in	the international application	on		
Box No. VIII Certain observatio	ns on the international app	olication		
Authority other than this one to be the IPE that written opinions of this International Se	A and the chosen IPEA I arching Authority will not dered to be a written on	has notified the	TA the continue in incinue.	
of Form PCT/ISA/220 or before the expiration for further options, see Form PCT/ISA/220.  3. For further details, see notes to Form PCT/ISA/220.	on of 22 months from the	netore the eve	arction of I was while form it is to the	
Name and mailing address of the ISA/ US	Date of completion of	this opinion	Authorized officer	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	20 March 2006 (20.03.	2006)	Eleni Mantis Mercader J. Hurley Telephone No. 571-272-3700	

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IL05/00330

Box No. 1 Basis of this opinion	
1. With regard to the language, this opinion has been established on the basis of:	
the international application in the language in which it was filed	
a translation of the international application into, which is the langua international search (Rules 12.3(a) and 23.1(b)).	ge of a translation furnished for the purposes of
<ol><li>With regard to any nucleotide and/or amino acid sequence disclosed in the inter invention, this opinion has been established on the basis of:</li></ol>	mational application and necessary to the claimed
a. type of material	
a sequence listing	
table(s) related to the sequence listing	
b. format of material	
on paper	
in electronic form	
c. time of filing/furnishing	
contained in the international application as filed.	
filed together with the international application in electronic form.	
furnished subsequently to this Authority for the purposes of search.	
_	
In addition, in the case that more than one version or copy of a sequence lists or furnished, the required statements that the information in the subsequent application as filed or does not go beyond the application as filed, as appropriate the subsequent application as filed or does not go beyond the application as filed, as appropriate the subsequent application as filed or does not go beyond the application as filed, as appropriate the subsequent application as filed or does not go beyond the application as filed, as appropriate the subsequent application as filed or does not go beyond the application as filed or does not go	for additional series is ideal, it is a series of
. Additional comments:	and, word furnished.
	1
	j
PCT/ISA/237(Box No. I) (April 2005)	

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IL05/00330

1. Statement			
Novelty (N)	Claims	1.30	
	Claims	1-30 NONE	Y N
	•		IV
Inventive step (IS)	Claims		Y
	Claims	NONE	N
Industrial applicability (IA)	Claims	1.20	
		NONE	
		1.0115	N
. Citations and explanations:			
		)	the state of the s

### NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is careelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

## The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- 1. [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
   "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
  - "Claims I to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]:
  "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

### "Statement under Article 19(1)" (Rule 46.4).

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

#### It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

#### Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43bis.1(c)).

### Consequence with regard to translation of the international application? For entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.